

# Quick Reference Manual 3452



ENGLISH

Congratulations upon your selection of this CASIO watch.

For a full Operation Guide and Q&A information about this product, go to the website below.



<http://world.casio.com/manual/wat/>

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Bluetooth® is a registered trademark or trademark of Bluetooth SIG, Inc. of the United States.

Your watch has a Mobile Link function that allows it to communicate with a Bluetooth® mobile phone and adjust its time settings to match those of the mobile phone.

- This product complies with or has received approval under radio laws in various countries and geographic areas. Use of this product in an area where it does not conform to or where it has not been approved under applicable radio laws may be punishable under local laws. For details, visit <http://world.casio.com/ce/BLE/>.
- Use of this product inside of an aircraft is restricted by the aviation laws of each country. Be sure to obey instructions provided by flight personnel concerning use of devices such as this product.

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## Charging the Watch

Your watch can be charged using solar charging or a charger.

- Use the charger in the cases below.
  - To charge quickly or to bring the watch to a full charge before going out
  - When the battery indicator shows only one or two bars, or when the watch display is blank
- If the watch will not charge because you left it with a blank display for along period contact your original retailer.



Battery indicator

## Solar Charging

Remove the watch from your wrist and place it in a brightly lit area.

- The watch may become hot when exposed to light for charging. Take care to avoid burn injury.
- Avoid charging in locations where it is very hot.

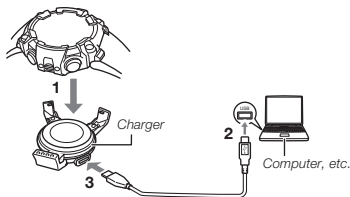
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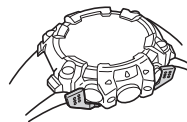
## Charging with the Charger

When charging on a desk or other work surface, keep other articles away from the charger and watch.

- Use only the charger and USB cable that comes with the watch for charging.



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1. Mount the watch onto the charger.
  - Check to make sure that the watch is being securely grasped by the charger's hooks, and contact with the charger.
2. Turn on the computer or other device to be used for power, and connect the other end of the USB cable to a USB port of the device.
3. Connect the USB cable to the charger.
  - This starts charging (⚡ displayed).



- ⚡ disappears from the display when a full charge is reached.

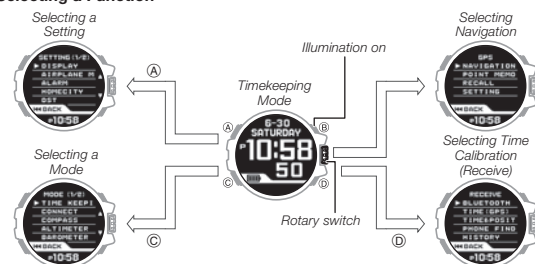
## Important!

- Should water ever get onto the charger and/or watch while charging, immediately unplug the USB cable from the charger to stop charging.
- If charging stops part way through for some reason, remove the watch from the charger and unplug the USB cable from the charger. After confirming there are no problems, try charging again.

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## Using the Watch

### Selecting a Function



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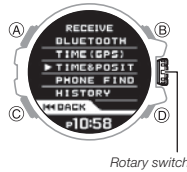
In the Timekeeping Mode, press (A), (C), or (D), or press the rotary switch and then rotate the rotary switch to select the desired function.

Press the rotary switch again to start an operation.

- To return to the Timekeeping Mode, hold down (C) for one second.
- For details, refer to the Operation Guide at the CASIO website.

## Adjusting the Time Setting

Immediately after purchasing the watch or moving to another time zone, perform a GPS signal receive operation to acquire position info.



Rotary switch

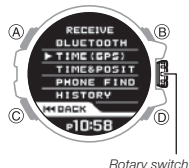
1. In the Timekeeping Mode, press (D).
2. Rotate the rotary switch to select "TIME&POSITION (GPS)".
3. While outdoors in a location where the sky above is clearly visible, point the watch's face straight up.
4. Press the rotary switch.
  - This starts GPS signal reception. After location info is acquired, "ADJUSTED" appears on the display along with the current time in your current location.
  - Location info acquisition takes anywhere from about 40 to 80 seconds. In some cases it can take as long as 13 minutes.

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## Configuring Time Settings

After acquiring location info, use the procedure below to configure time settings.



Rotary switch

1. In the Timekeeping Mode, press (D).
2. Rotate the rotary switch to select "TIME (GPS)".
3. While outdoors in a location where the sky above is clearly visible, point the watch's face straight up.
4. Press the rotary switch.
  - This starts GPS signal reception. After time info is acquired, "ADJUSTED" appears on the display along with the current time.
  - Time adjustment takes anywhere from about 10 to 65 seconds. In some cases it can take as long as 13 minutes.

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## Using a Phone to Configure Time Settings

For details visit the website below.

<http://world.casio.com/manual/wat/>

## GPS Navigation

You can get even more from the navigation functions of your watch by linking with the phone app. For example, you could do the actions below.

- Mountain climb using a route plan that you created with the app.
- Track your jogging route with the watch and then transfer it to the phone for viewing with the app.

For information about installing the application, refer to the Operation Guide at the CASIO website.

## Specifications

**Accuracy:** ±15 seconds a month (no adjustment by signal information)

**Basic Functions:** Hour, minute, second, month, day, day of the week a.m./p.m.(F)/24-hour timekeeping  
Full Auto Calendar (2000 to 2099)

### Mobile Link:

- Auto time adjustment
- Auto Daylight Saving Time (summer time) switching
- Phone finder
- Communication Specifications:
  - Bluetooth®
  - Frequency band: 2400 to 2480MHz
  - Maximum transmission: 0dBm (1mW)
  - Range: Up to 2 meters (Depends on environment.)

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### GPS Navigation:

- Track log acquisition
- Measurement intervals: Intermittent (each minute, non-stop for approximately 24 hours)/Continual (every few seconds, non-stop for approximately four or five hours)

### Elapsed time measurement

- Log usage conditions
- Display of straight-line distance to goal, start, waypoints\*
- Display of direction to goal, start, waypoints\*
- Goal specification (by recall from point memory)
- Route navigation\*
- Backtrack
- Point memory (time, year/month/day, latitude/longitude, altitude, barometric pressure, temperature)
- Point memory icon specification
- Track display switching (zoom out, zoom in)
- \* Waypoints are enabled only when settings are configured with the app.

### Digital Compass:

- Measuring range: 0° to 359°
- Compass calibration (3-point calibration, magnetic declination angle)
- 60-second continuous measurement, Bearing Memory

### Barometer:

- Measuring and display range: 260 to 1,100 hPa (or 7.65 to 32.45 inHg)
- Measuring unit: 1 hPa (or 0.05 inHg)
- Auto measurement interval: 2 hours
- Calibration, Barometric pressure graph, Barometric pressure change indicator

### Thermometer:

- Measuring and display range: -10.0°C to 60.0°C (or 14.0°F to 140.0°F)
- Measuring unit: 0.1°C (or 0.2°F)
- Calibration

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### Altimeter:

- Measuring range: -700 to 10,000 m (or -2,300 to 32,800 ft.)
- Measuring unit: 1 m (or 5 ft.)
- Display Range: -10,000 to 10,000 m (or -32,800 to 32,800 ft.)
- Measuring interval: 2 minutes/5 seconds
- Reference altitude setting
- Altitude differential measurement: -3,000 to +3,000m (or -9,840 to 9,840 ft.)

### Sensor Accuracy:

- Direction
  - Measurement accuracy: Within ±10°
  - Assured accuracy temperature range: -10°C to 60°C (14°F to 140°F)
- Temperature
  - Measurement accuracy: Within ±2°C (±3.6°F)
  - Assured accuracy temperature range: -10°C to 60°C (14°F to 140°F)
- Pressure
  - Measurement accuracy: Within ±3 hPa (0.1 inHg)
  - (Altitude measurement accuracy: Within ±75 m (246 ft.))
  - Assured accuracy temperature range: -10°C to 40°C (14°F to 104°F)

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**Sunrise/Sunset:** Sunrise/sunset time display, Day select

### Tide/Moon:\*

- Tide level (Tide Graph), Moon phase, Moon age, Day select, Time select (Tide Graph only)
- \* Requires configuration of app settings.

### Stopwatch:

- Measuring unit: 1 second
- Measuring range: 999 hours 59 minutes 59 seconds (1000 hours)
- Measurement accuracy: ±0.0006%
- Split times

### Countdown Timer:

- Setting unit: 1 minute
- Measuring unit: 1 second
- Measuring range: 24 hours

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### World Time:

- Displays current time in UTC +39 cities (39 time zones)\*
- Auto Daylight Saving Time (summer time) setting
- \* Time zone data may change when the watch connects with a phone.

**Other:** Power Saving, LED light, Selectable light duration, Auto Light, Charge level indicator, Button confirmation tone enable/disable, Airplane Mode, 4 alarms (with snooze)

**Batteries:** One chargeable battery

### Battery Operating Time:

- Using GPS
  - Intermittent Receive: Approximately 33 hours maximum
  - Continual Receive: Approximately 20 hours maximum
  - Other functions continue operating for about 2 months after the GPS limits above.
- Not Using GPS
  - Approximately 1.4 years

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**Charger:** Operating temperature: 5°C to 35°C (41°F to 95°F)

**Power Consumption:** 5.0 VDC Approximately 0.9 W

**Included Accessories:** Charger, Micro USB cable

- When unboxing, check to make sure that everything is included. If something is missing, contact your original retailer.

For open source information, visit the CASIO website.

<http://world.casio.com/manual/wat/>